

**Use of VLCFAE for identifying herbicidally active compounds**

**A b s t r a c t**

The invention relates to the use of nucleic acids which code for plant polypeptides with the biological activity of very long chain fatty acid elongases and to the use of the polypeptides encoded thereby for identifying novel, herbicidally active compounds, and to methods for finding modulators of these polypeptides.

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